

Date: Fri, 8 Jul 94 04:30:20 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #222
To: Ham-Digital

Ham-Digital Digest Fri, 8 Jul 94 Volume 94 : Issue 222

Today's Topics:

 New IP Address when Moving?
 Satellite fax to HF fax converter

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Jul 1994 10:33:10 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!Germany.EU.net!netmbx.de!
zrz.TU-Berlin.DE!zib-berlin.de!news.belwue.de!news.uni-stuttgart.de!
smiller@network.ucsd.edu
Subject: New IP Address when Moving?
To: ham-digital@ucsd.edu

First of all, many thanks for your detailed response. I appreciate it.

: The whole 44.x.y.z address space is assigned to one network, the ham tcp/ip
...
: BTW2: anyone willing to discuss topics related to the above (external/
: internal routing of 44, subnetting...) please reply. We really ought to
: start working on this issue. If any work is done - pointers please...

Well, so far there isn't much discussion here, but I have some comments
on this subject...

As the amateur TCP/IP community becomes more interconnected, with
higher-bandwidth backbones and more satellite links, it's imaginable
that within some years' time the amateur network could have the

ability to route IP packets directly anywhere on the planet. At present this is already done with Email using the WORLI/et. al. hierarchical addressing (dl6seu@db0rot.#bw.deu.eu) scheme. But I could imagine being able to "ping some_US_station" from Germany, for example. Since we wouldn't want all world-wide TCP/IP traffic being heard all over (i.e. there's no reason for a "ping USA" from Germany to be heard in Australia!), I'd think subnetting is the way to go, with routers and gateways strategically placed.

And I've already read here and there that subnetting is taking place in the amateur community. At least in-so-far as groups of 44.* IP addresses are being assigned to different regions of the planet. (OK, maybe it's just to help with IP address administration.)

If I were to answer my own question: "Do I need a new IP address after moving from the USA to Germany?", I'd say this: "Short term: No, because subnetting doesn't really appear to exist yet today. Long term: Yes, and maybe even sooner so as to not encourage others to "randomize" the address/region space by moving without getting a new IP address." After all, if I move my workstation to a different department at work, I usually get a new IP address and am placed onto a different subnetwork.

Come on! Aren't there any other TCP/IPers on this newsgroup with some opinions?!

--Shannon, DL6SEU/N7APC

Date: 8 Jul 1994 09:45:53 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!Germany.EU.net!
Munich.Germany.EU.net!thoth.mch.sni.de!news.sni.de!nanette!norton!
schro@network.ucsd.edu
Subject: Satellite fax to HF fax converter
To: ham-digital@ucsd.edu

In <1994Jul6.170618.1515@gov.nt.ca> ve8ev@gov.nt.ca (John Boudreau) writes:

>Has anyone ever built a converter to change the AM wefax from NOAA
>satellites to FM wefax for reception with an HF fax demodulator?
[stuff deleted]

There was a circuit for an AM/FM converter in the german packet mailboxes for reception of satellite pictures. It was used as a frontend to the HamComm interface and JVFX. The design is based on an XR2206. If there is interest, i'll try to dig it up. Be warned, the

circuit description and alignment procedure is written in german.

73 Django
DL5YEC

End of Ham-Digital Digest V94 #222
